

What is claimed is :

5           1.       A method for generating user history information of multimedia data, comprising :

              generating usage summary information including feature information of the multimedia data ; and

              generating a usage history list including a feature code for linking the  
10   feature information.

              2.       The method for generating user history information of multimedia data according to claim 1, wherein the usage summary information comprises the feature information, and a feature table including a usage count for each feature  
15   information.

              3.       The method for generating user history information of multimedia data according to claim 1, wherein the usage history list further comprises information dependent on the multimedia data used in each history item.

20           4.       The method for generating user history information of multimedia data according to claim 2, wherein the dependent information includes time (date) information, title of data or position of data (URL) or combination of them.

25           5.       The method for generating user history information of multimedia

data according to claim 1, wherein the feature information has a hierarchical table structure.

6. The method for generating user history information of multimedia data according to claim 5, wherein the hierarchical table is constructed with a general item corresponding to the feature information and extended to detailed items.

7. The method for generating user history information of multimedia data according to claim 1, wherein the usage history list can be constructed with only a link information that the feature information is positioned for providing the data corresponding to the link information including the feature information.

8. A method for managing user history information of multimedia data, comprising :

checking, when an event to be included in the user history information occurs, whether feature information corresponding to an event is information that a usage summary information item has already been recorded ;

recording the corresponding feature information on the usage summary information item when the usage summary information has not been recorded ;  
and

recording link information on the feature information and information corresponding to the event on a history item to be added to the usage history list.

9. The method for managing user history information of multimedia

data according to claim 8, further comprising a process of increasing an usage count of the feature information whenever the feature information is used.

10        The method for managing user history information of multimedia data according to claim 8, wherein the feature information has a hierarchical structure.

11.       The method for managing user history information of multimedia data according to claim 8, wherein the link information is described on a feature code item in the usage history item.

12.       The method for managing user history information according to claim 8, wherein the information corresponding to the event includes usage time information, and original information of the usage data.

13.       The method for managing user history information of multimedia data according to claim 8, wherein further comprising the steps of:

judging whether deleting the history item in accordance with a predetermined condition ;

20        decreasing the usage count of the feature information corresponding to the link information recorded on the history item ; and

deleting the history item in the usage history list that the link information is recorded.

25        14.       The method for managing user history information of multimedia

data according to claim 13, wherein the process for judging whether deleting the history item comprises the process of setting the certain condition as a certain time period, checking the time period of the each history item, and sequentially judging whether deleting each history item from the first.

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15. The method for managing user history information of multimedia data according to claim 13, wherein the process for judging whether deleting the history item comprises the process of judging whether deleting the history item from the first, by comparing the history item with a predetermined reference number of history item.

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16. The method for managing user history information of multimedia data according to claim 13, wherein the process for judging whether deleting the history item judges whether deleting the history item from the first item by considering the certain condition and the number of the history item.

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17. The method for managing user history information multimedia data according to claim 13, wherein as the usage count for the lowest level of feature information is increased or decreased, the usage count for higher level of feature information is automatically increased or decreased.

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18. A method for generating user profile information on the basis of a method for generating user history information of multimedia data and a method for managing the user history information for reflecting user preference of multimedia data, comprising :

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generating user-designated history information compulsorily or automatically designated by a user ;

generating conditional usage history information for managing a history satisfying a certain condition ; and

5 generating unconditional usage history information for continually reflecting the user history from the time that the user history occurs.

19 The method for generating user profile information according to claim 18, wherein the user-designated history information is constructed with  
10 combination of interruption position of the data interrupted during watching, interruption time, and the position of data.

20. The method for generating user profile information according to claim 18, wherein the process for generating the conditional user history  
15 information comprises the steps of:

generating usage summary information including frequency of usage about the feature information of the relevant information ; and

generating a usage history list including a feature code for reading the feature information in the usage summary information.

20 21. The method for generating user profile information according to claim 18, wherein the process for generating the unconditional usage history information comprises the steps of:

generating preference information including the feature information and  
25 preference corresponding to the feature information as a numeral value.